United States Patent [19]

Beller et al.

[54] **BAR CODE DATAFORM SCANNING AND LABELING APPARATUS AND METHOD**

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[58] Field of Search 235/432, 385, 235/462, 472

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[57] **ABSTRACT**

A bar code scanning and labeling apparatus for scanning and decoding a bar code associated with a product and generating a two dimensional bar code dataform incorporating selected data including at least a portion of the decoded, product related data from the product's bar code and additional data related to the product is disclosed. The apparatus includes a microprocessor having data selection circuitry adapted to retrieve the selected data and to assemble the retrieved selected into a format suitable for encoding. A method of providing a modified bar code dataform using the apparatus is also disclosed. The steps of the method include: scanning and decoding a product's bar code dataform; selecting data to comprise the modified bar code dataform, the selected data including decoded data relating to the product from the product's bar code dataform and additional data related to the product; and utilizing the selected data to produce the modified bar code dataform.

26 Claims, 5 Drawing Sheets